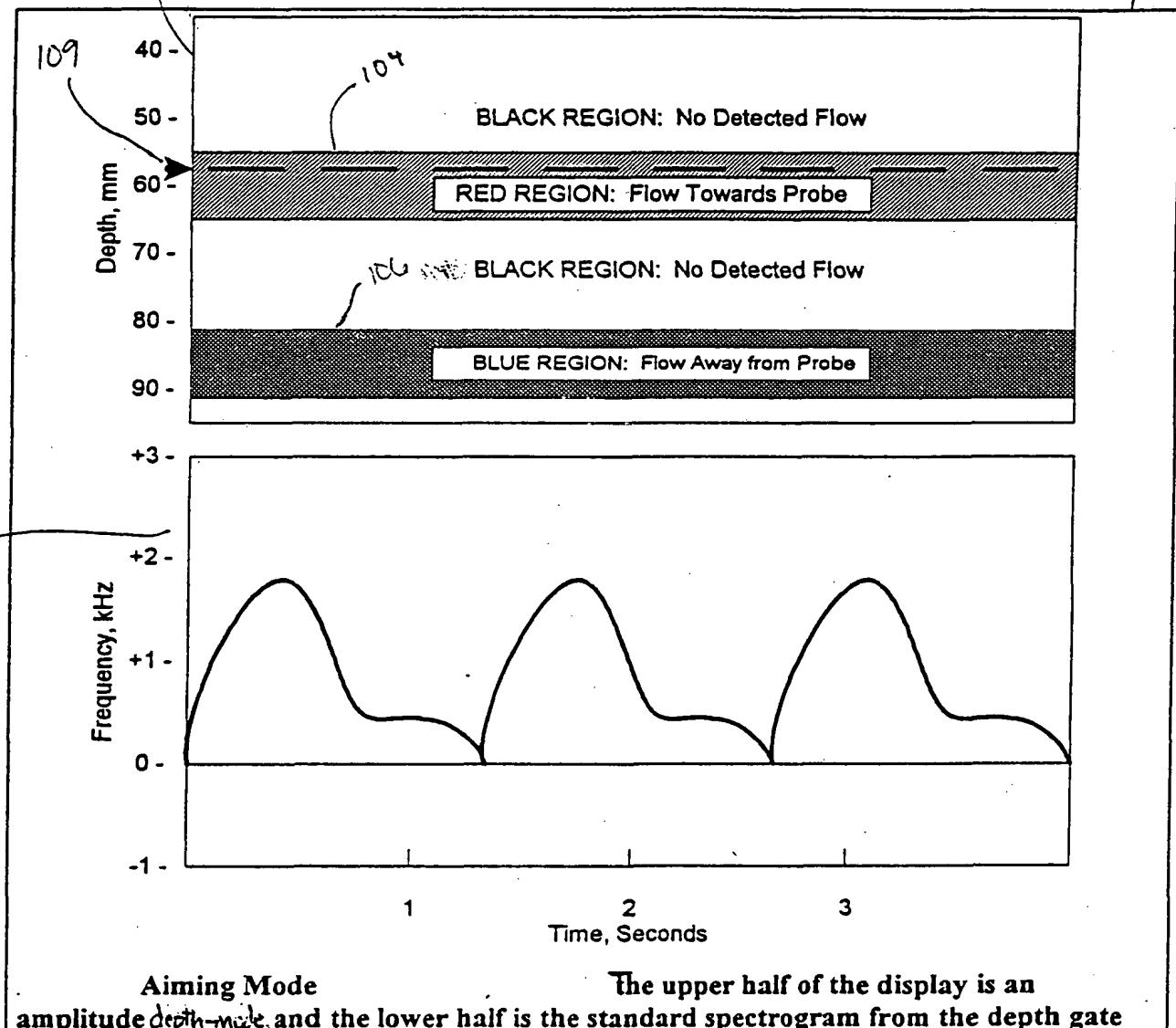


Pic 1



Aiming Mode
amplitude depth-mode, and the lower half is the standard spectrogram from the depth gate shown in the depth-mode display.

The upper half of the display is an

Fig. 1

Angle, radians

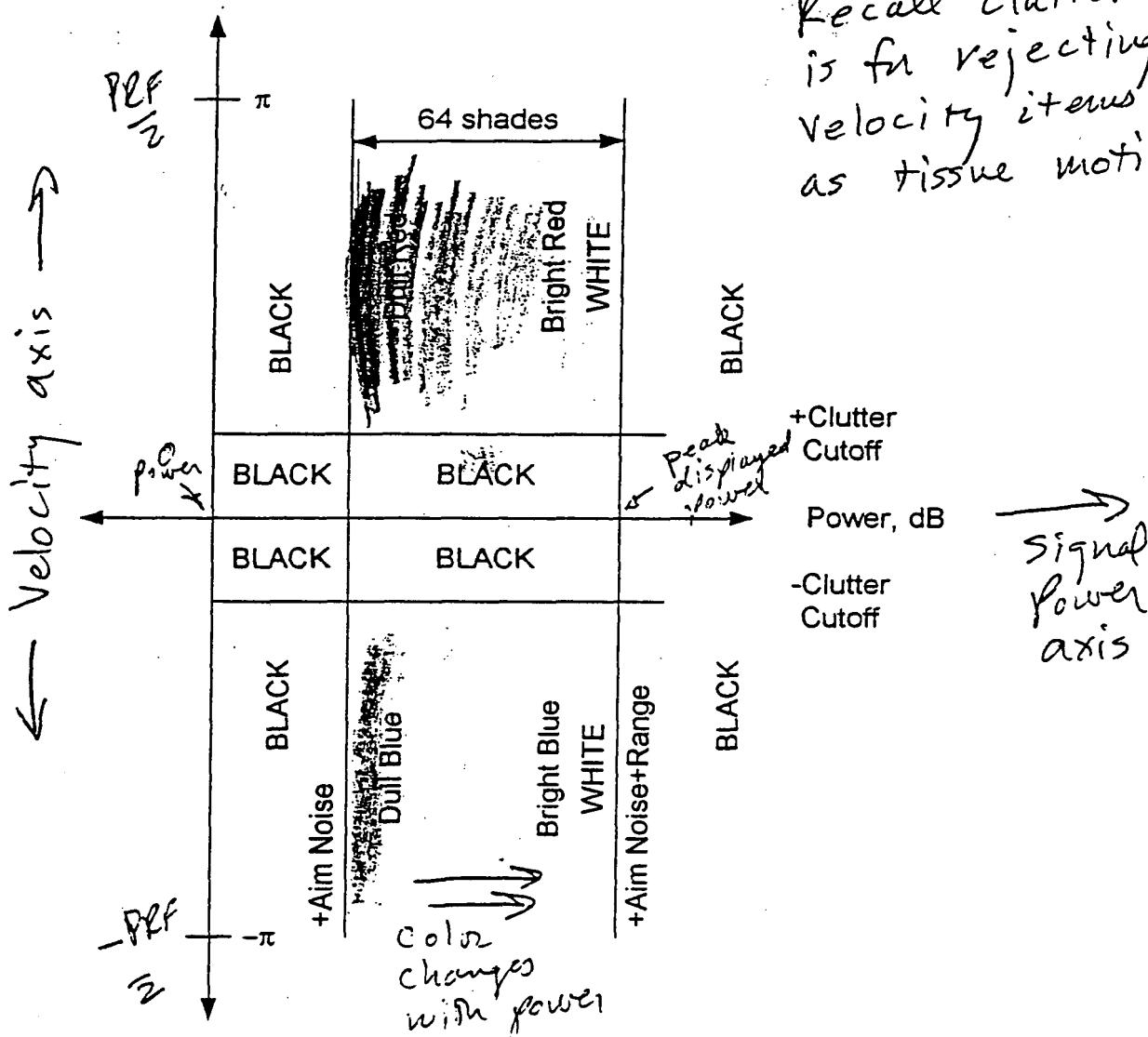
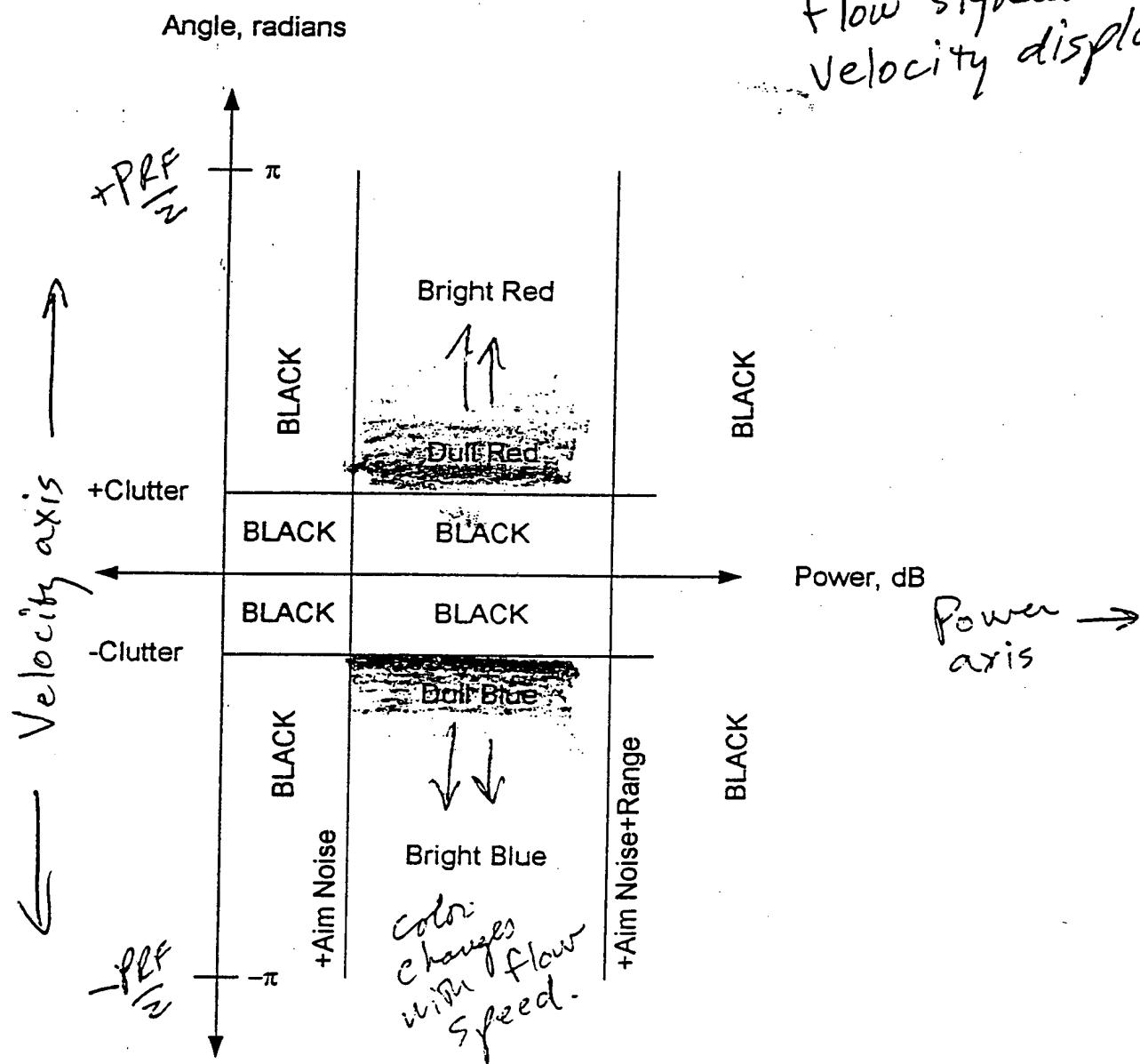


Chart of method for
coloring blood flow
signals: Power display.
Recall clutter filter
is for rejecting low
velocity items such
as tissue motion.

Depth Mode color scheme for "Power
Doppler" mode of operation, for mapping first lag
autocorrelation and power data to colors for display.

Fig. 2

Chart of method
for coloring blood
flow signals:
velocity display.



Depth-Mode color scheme for "Color Doppler" mode of operation, for mapping first lag autocorrelation and power data to colors for display. Note that the red and blue color scales extend all the way to Nyquist but that the intensity of color may have peaked to a plateau at 60% or 80% of Nyquist. This mode is an alternative mode to the Power Doppler mode in the TCD specification.

Fig. 3

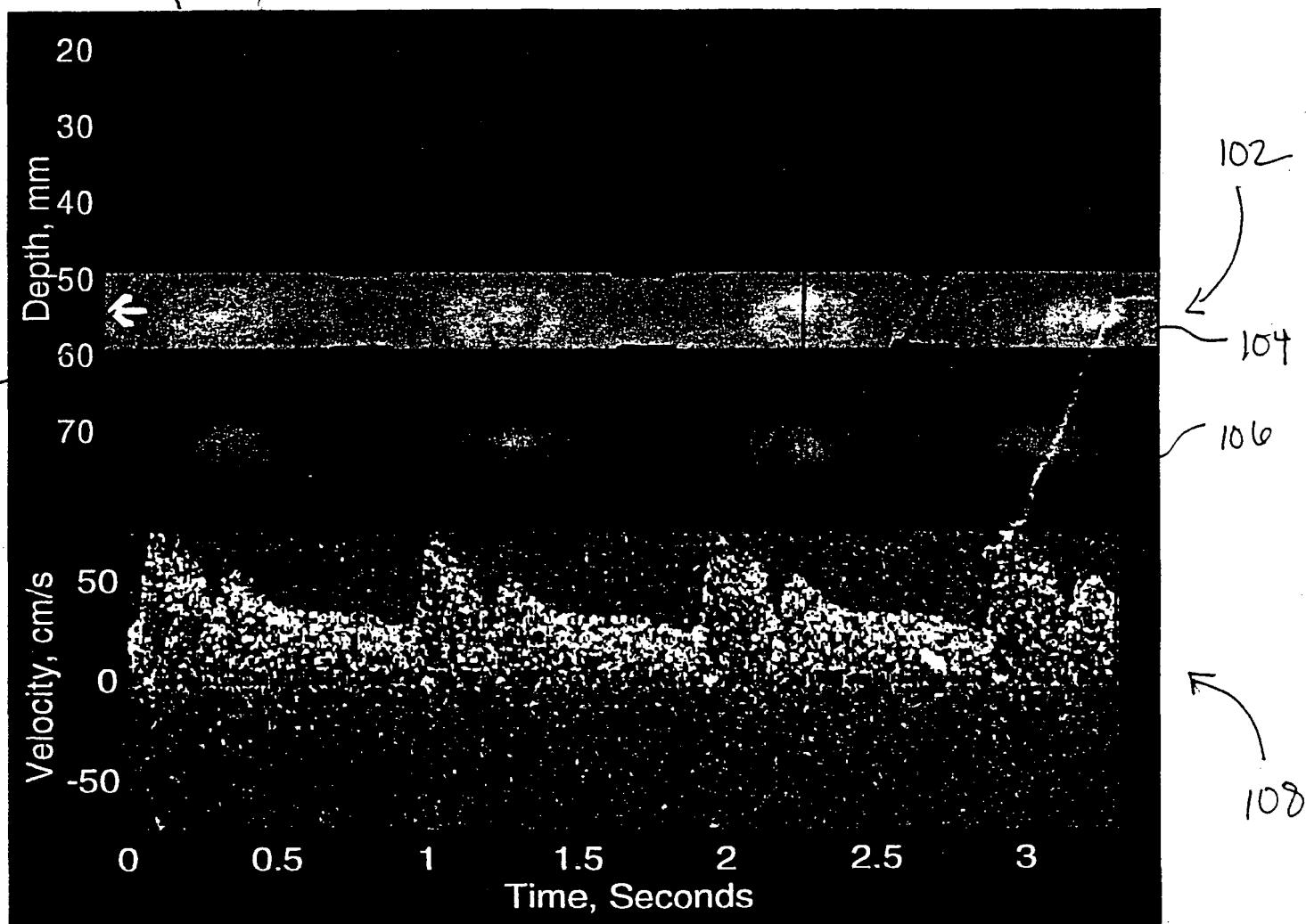
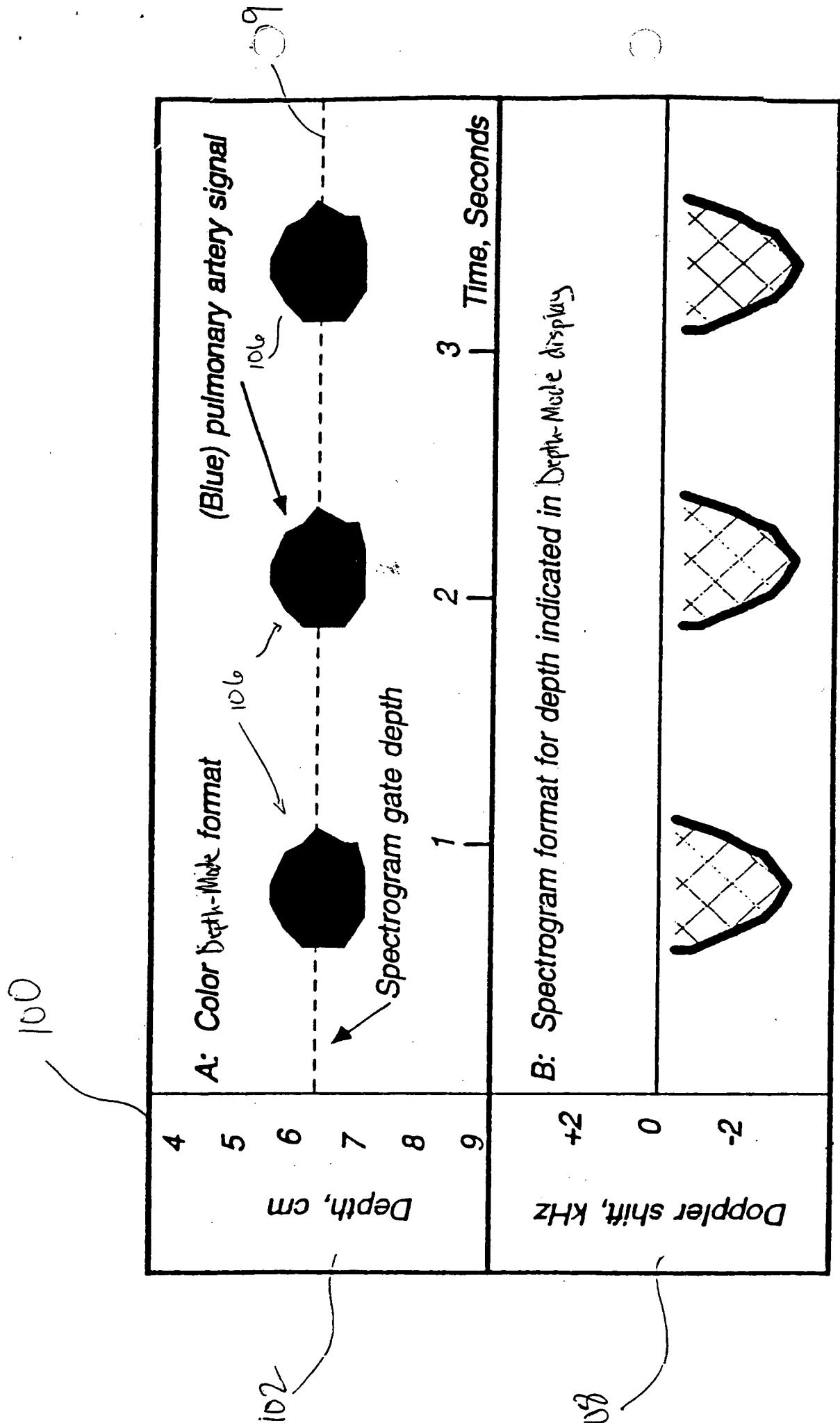


Figure 4

- Color original film
- remagnetized minor core attached



b.
Fig.

Pic 2

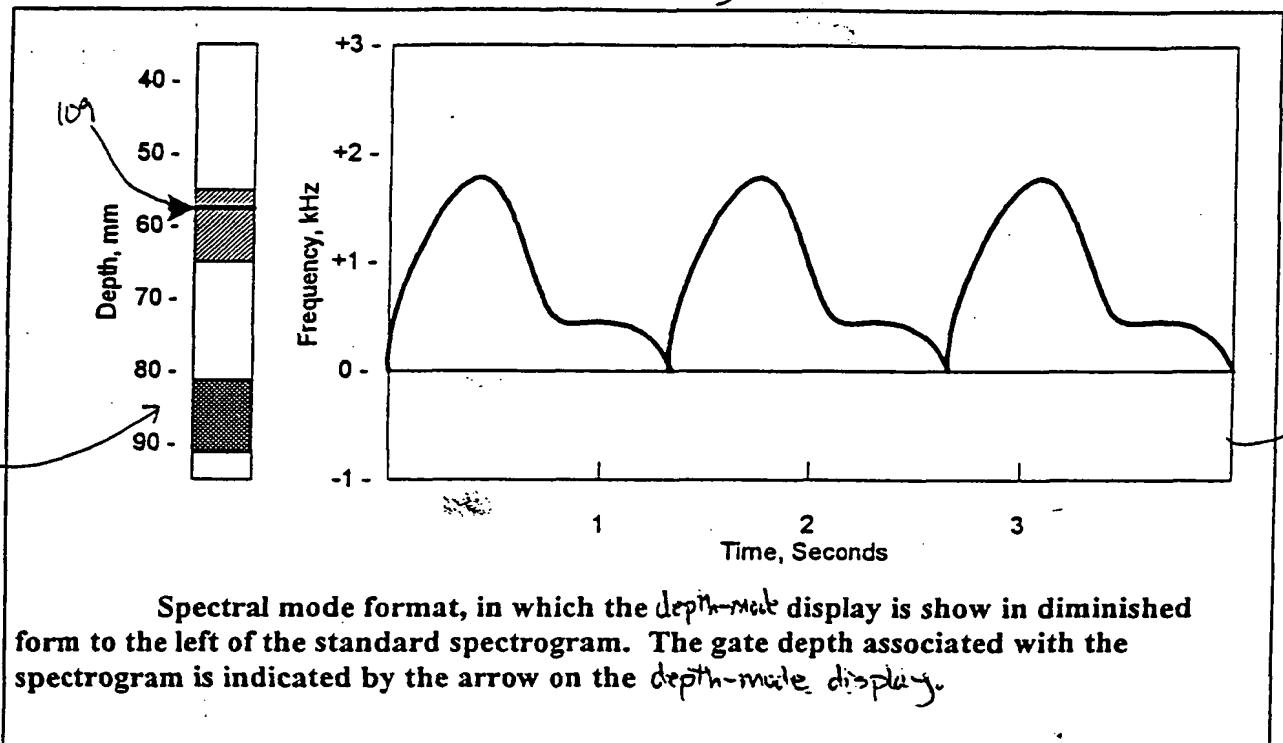
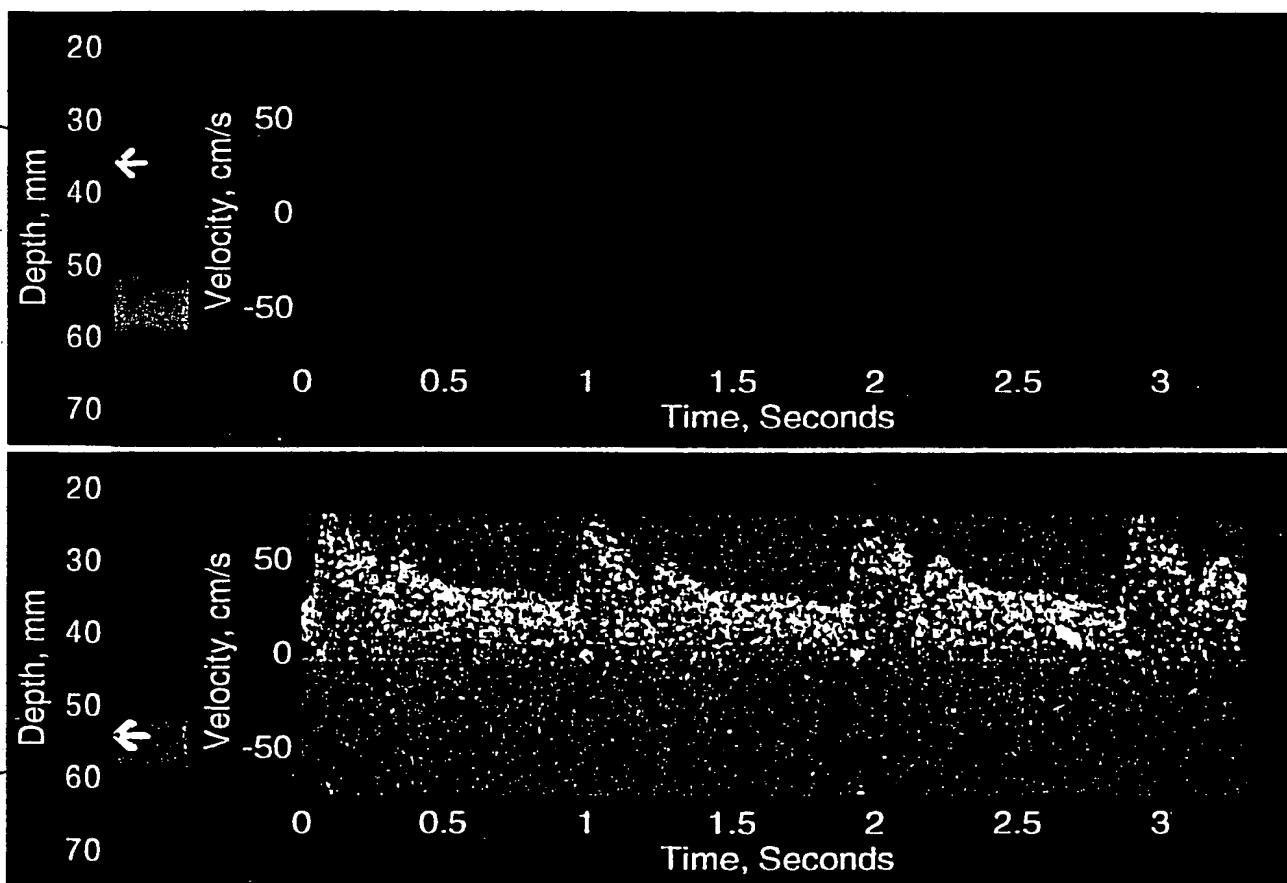


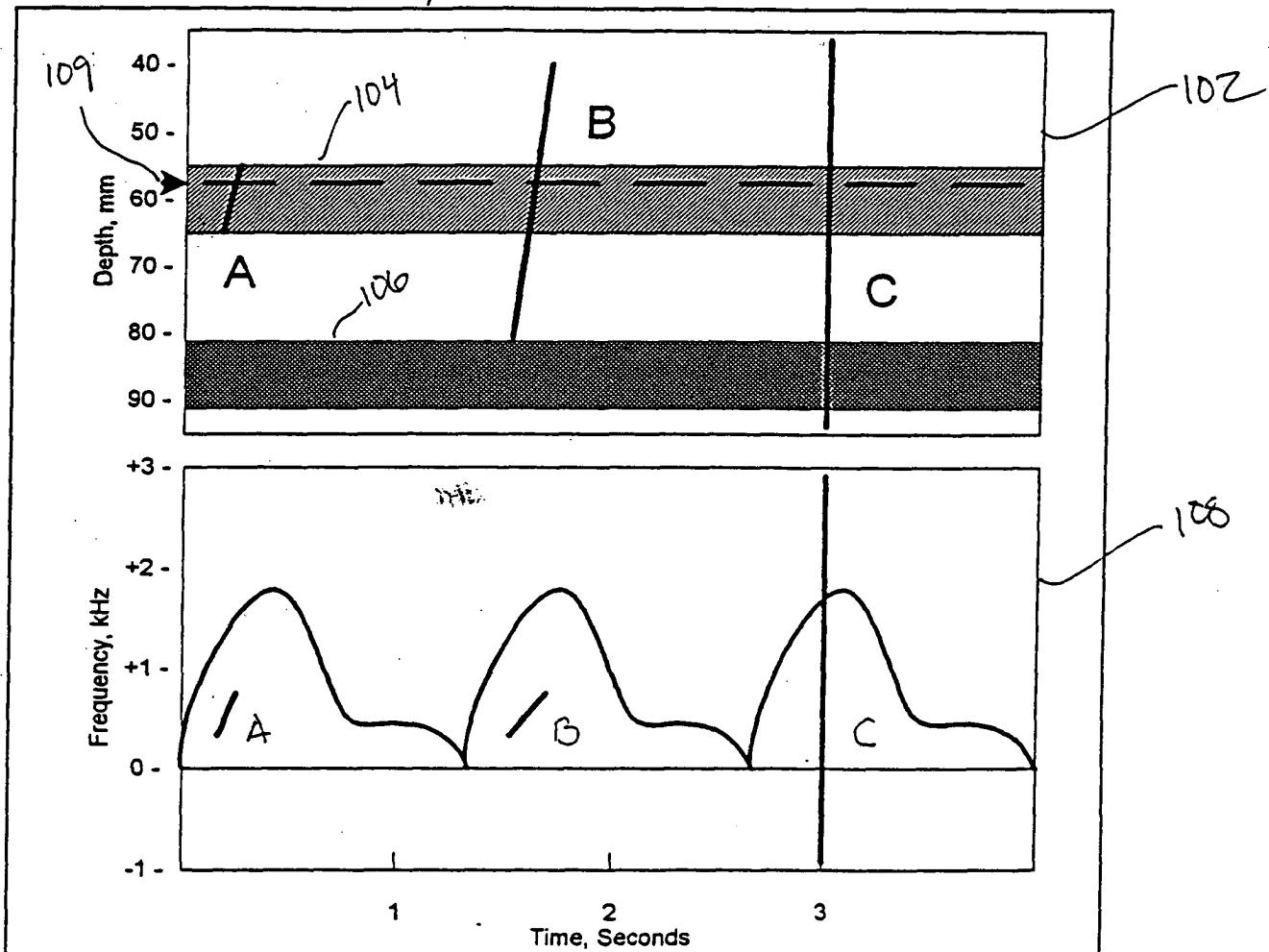
Fig. 6



— Color original filed
— handwritten color now added

Figure 7

Pic 3



TCD2 system Aim format response to microembolic and artifact signals: (A) is standard microembolus which shows within the depth-mode flow margin and as a one-sided embolic signature in the spectrogram. (B) is a microembolus with strong enough or long enough backscatter to be seen outside the flow margin—this is still a one-sided embolic signal in the spectrogram. (C) is an artifact which runs outside the flow margin in the depth-mode, has vertical slope (indicating many positions at the same time) and is not unidirectional in the spectrogram.

Fig. 8

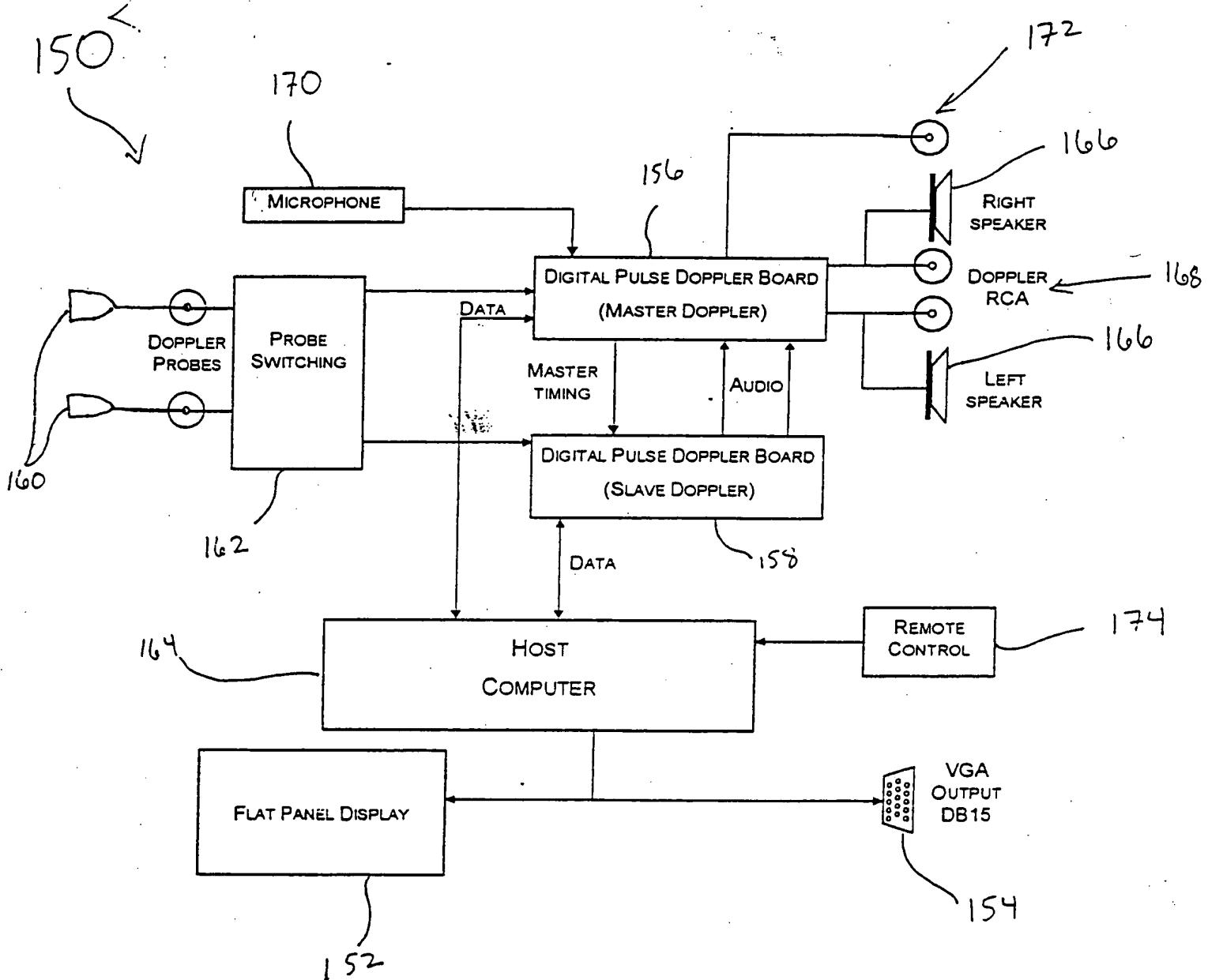


Fig. 9

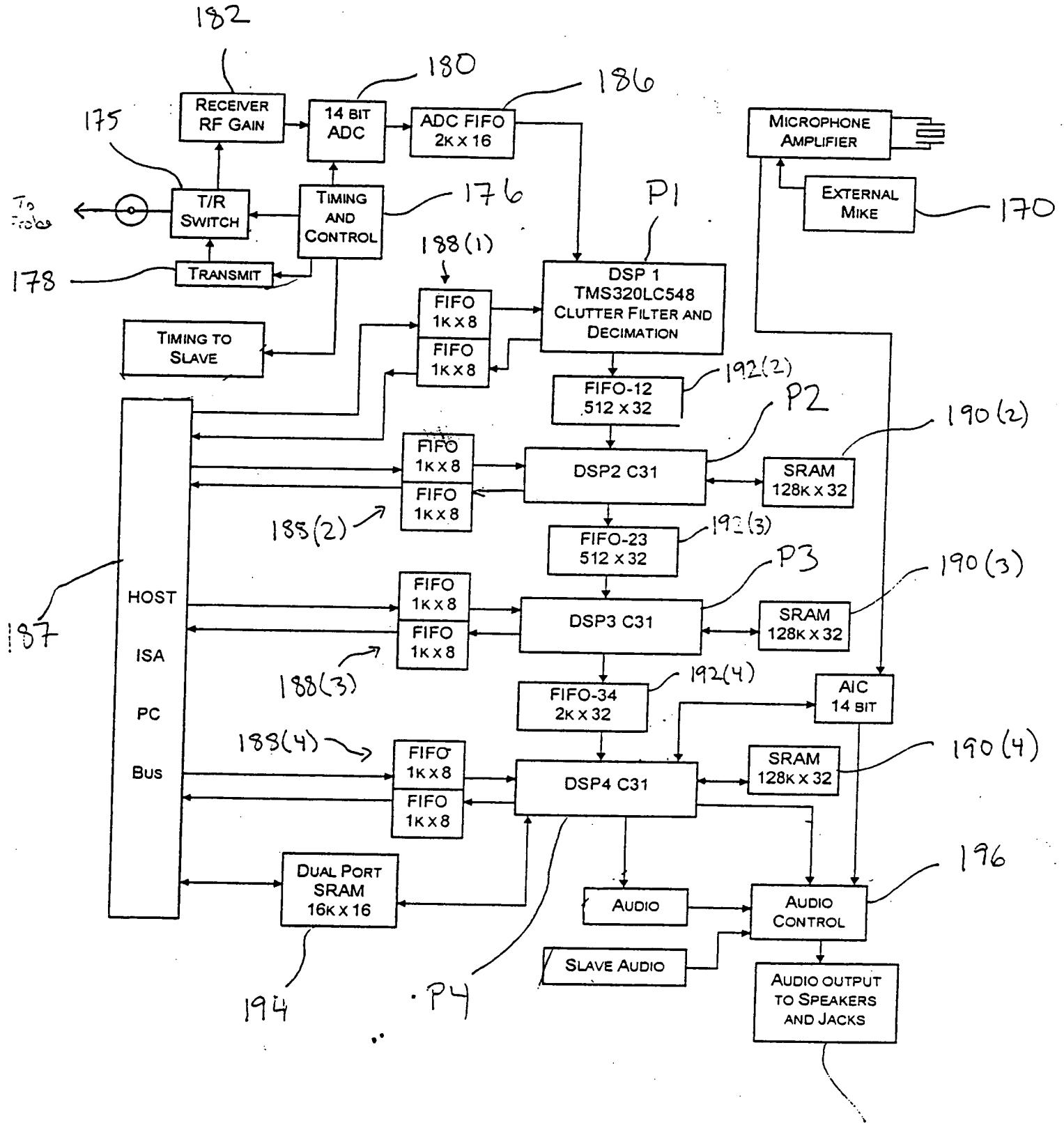


Fig. 10

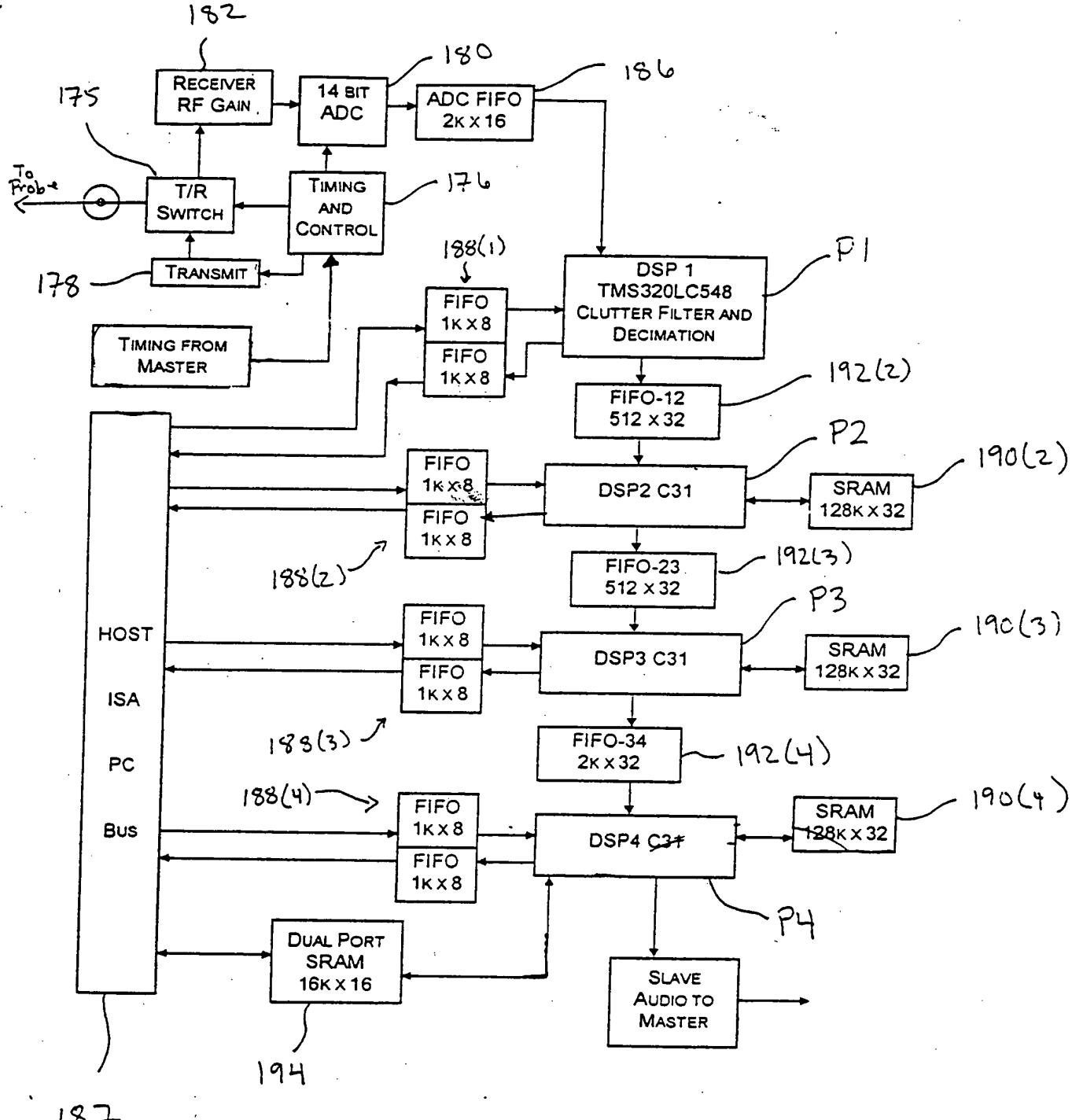


Fig. 11

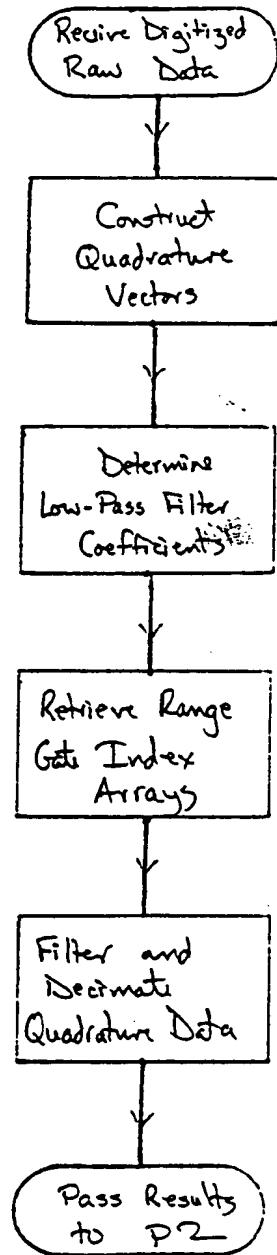


Fig. 12

P1 Operations

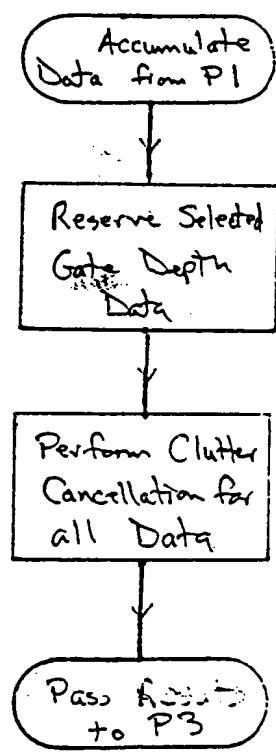
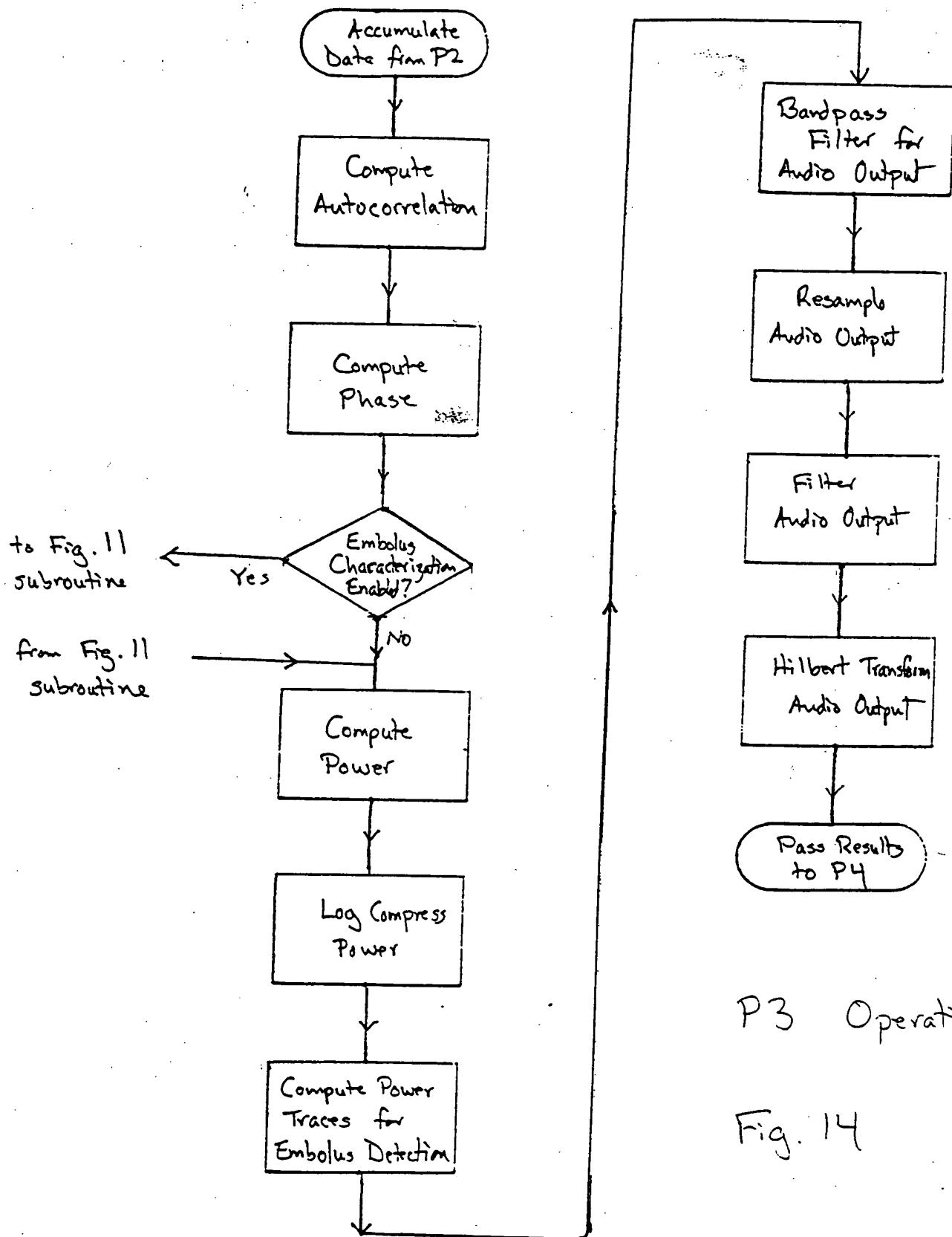


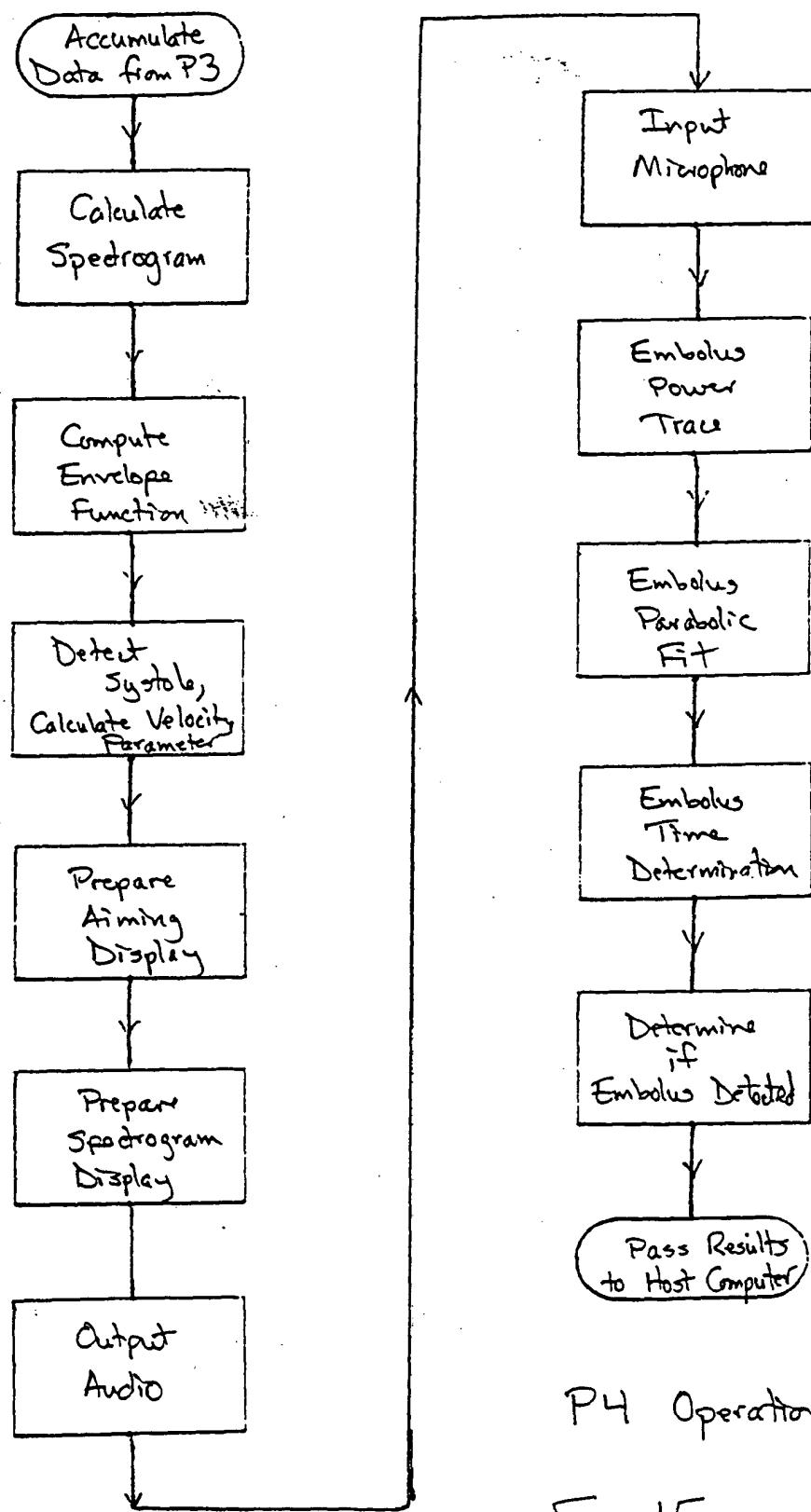
Fig. 13

P2 Operations



P3 Operations

Fig. 14



P4 Operations

Fig. 15

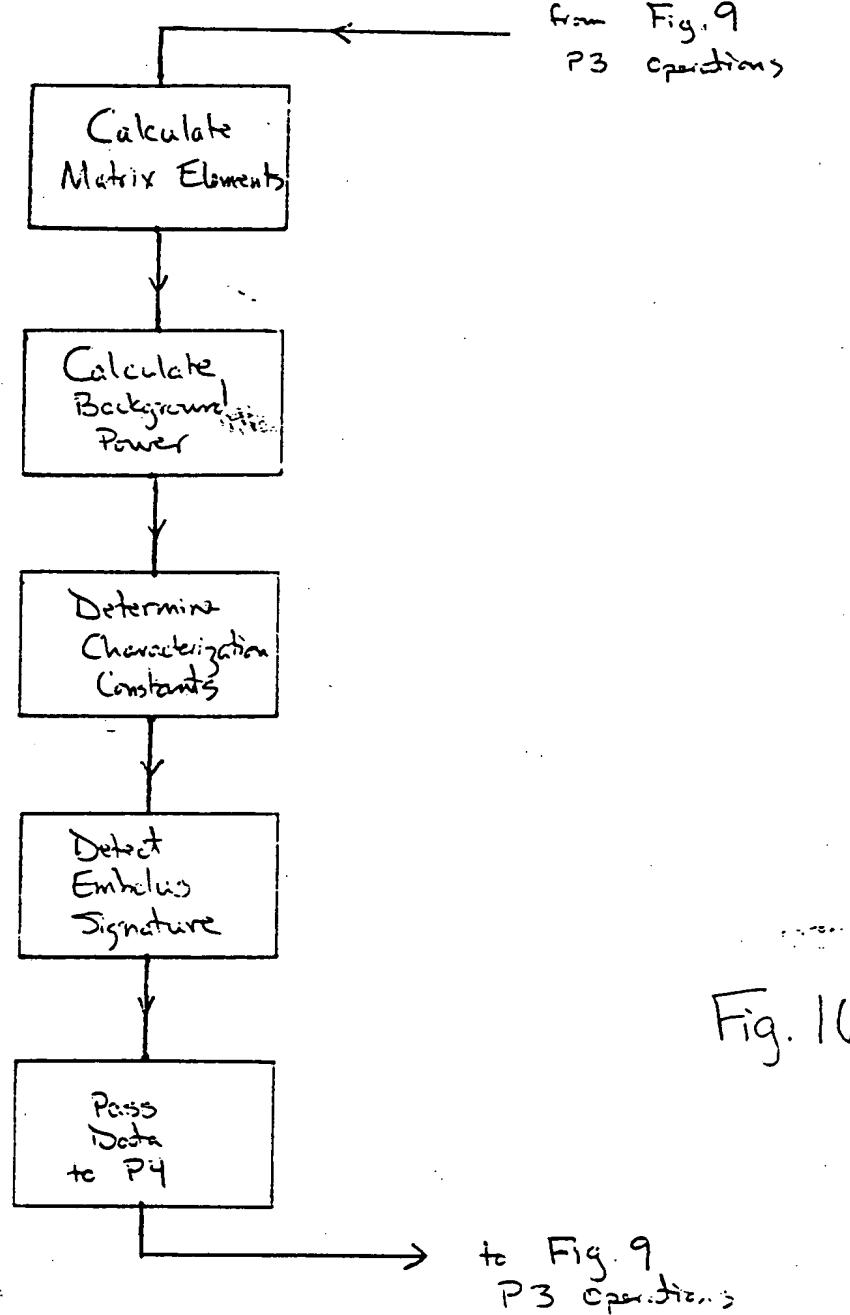


Fig. 16

to Fig. 9
P3 operations

Embellus Characterization Subroutine